

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

**Complete if Known**

Application Number	
Filing Date	2003 Aug 5
First Named Inventor	Rajeev Sharma
Art Unit	
Examiner Name	
Attorney Docket Number	AI-0010-VTE

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* <sup>2</sup> (if known)			
SKS		US- 5,423,554	06-13-1995	Davis	
		US- 5,534,917	07-09-1996	MacDougall	
		US- 5,601,487	02-11-1997	Oshima, et al.	
		US- 5,790,124	08-04-1998	Fischer, et al.	
		US- 6,086,380	07-11-2000	Chu, et al.	
		US- 6,222,465	04-24-2001	Kumar, et al.	
		US- 6,386,985	05-14-2002	Rackham	
		US- 60/369,279	04-02-2002	Sharma, et al.	
		US- 60/394,324	07-08-2002	Sharma, et al.	
		US- 60/399,246	07-29-2002	Sharma, et al.	
		US- 60/402,817	08-12-2002	Sharma, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

Examiner Signature		Date Considered	1/26/07
-----------------------	-------------------------------------------------------------------------------------	--------------------	---------

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

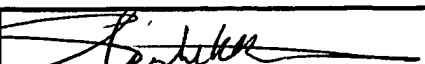
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	
		Filing Date	2003 Aug 5
		First Named Inventor	Rajeev Sharma
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	AI-0010-VTE

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SKB		BOLT R.A., SIGGRAPH-Computer Graphics, 1980	
		KRAHNSTOEVER N., et al, Dept. of Comp. Science, Technical Rep CSE-02-010, Penn State Univ.	
		OVIATT S L., et al., International Conference on Spoken Language Processing, Philadelphia, 1996.	
		PODDAR I., et al., Proc. 2nd Workshop on Perceptual User Interface, 1998, pp. 1-6.	
		SHARMA R., et al., Proc of the IEEE (Multimedia Computing Comm) 86(5):853-869, May 1998.	
		YANG M H, et al., IEEE Trans. on Pattern Analysis and Machine Intelligence, 2001.	
		YEASIN M, et al., Proc. IEEE Conf. on Comp. Vision and Pattern Recognition, Vol 2, p 168-173 2000	
✓		YOUNG S.J., et al., Cambridge University Engineering Dept, CUED/F-INFENG/TR38, 1989.	

Examiner Signature		Date Considered	1/24/07
--------------------	-------------------------------------------------------------------------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.